

Bennett, John

From: Fout, Shay
Sent: Wednesday, July 09, 2014 4:18 PM
To: 'Li, Charles'
Subject: RE: Water Cluster Project
Attachments: UBMTA ImplementingTemplate.docx

Dear Charlie,

I have been focused on other parts of the water cluster project, but want to get back to the kit development. At this point I only need to test the feasibility of using the kit approach to satisfy the water cluster management, so the only QC will be that normally required by the method. I am just about finished with a very detailed scope of work based upon your email below and describing what samples will be tested, how they will be processed and what will be exchanged between our laboratories. At this time it looks like I will only need 2 RT plates, 2 plates for the hepatitis G assay and one each for enterovirus, norovirus GIB, and norovirus GII. I should be able to send you the detailed SOP tomorrow, but wanted to run the agreement I mentioned by you to make certain you will be able to sign off on it. I am authorized to sign on my end. Please let me know if you foresee any problems with signing it. I have been able to get additional funding to cover new reagents for the kit testing. Once we have an agreement in place, I will start collecting the samples that will be needed for testing and place the orders for the reagents.

Best wishes,
Shay

G. Shay Fout, Ph.D.
Senior Research Microbiologist
U.S. Environmental Protection Agency (MS 593)
Microbiological & Chemical Exposure
Assessment Research Division
Biohazard Assessment Research Branch
26 W. Martin Luther King Jr. Drive
Cincinnati, OH 45268
Phone: 513-569-7387
Fax: 513-569-7464
Email: fout.shay@epa.gov

From: Li, Charles [<mailto:cli@EMSL.com>]
Sent: Tuesday, March 25, 2014 5:15 PM
To: Fout, Shay
Subject: RE: Water Cluster Project

Hi, Dr. Fout,

I am writing the SOP for making the RT plates and qPCR plates. I would like to go over with you for the following:

1. I will make 6 RT plates with pre-load of RT Mix1;
2. I will make 6 qPCR plates with pre-load of qPCR Mix;
3. I will provide color cap vials, 2 mL screw tubes for RT Mix2, and all five primers/probe mixes (Enterovirus, Norovirus GIA, GIB and GII, HepG), and aliquots have enough mixes for entire 96-well plate, one vial for each plate.
4. What kind of QC runs do you want me to do before I ship the plates to the partner's labs?

Thanks

Charlie



Charles Li, Ph.D. | *Director of PCR and DNA Analysis Laboratory*

EMSL Analytical, Inc. | 200 Route 130 North | Cinnaminson, NJ 08077

Phone: 856-303-2554 | Fax: 856-786-0262 | Toll Free: 800-220-3675

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From: Fout, Shay [<mailto:Fout.Shay@epa.gov>]

Sent: Wednesday, March 19, 2014 12:12 PM

To: Li, Charles

Subject: RE: Water Cluster Project

Charlie,

Is EMSL analytical a signatory to the Uniform Biological Materials Transfer Agreement (see http://www.autm.net/Technology_Transfer_Resources/8395.htm)? If you are, it will make our work together much easier, as we will not need a materials CRADA or to go through the EPA lawyers, and perhaps not through yours either. We would just need a simple form stating what I'm giving to you and what you are giving back.

Also, would it be possible to develop and sign a confidentiality statement and have you give me your SOP for producing the plates. I need to request additional funding for the reagents, as many have expired due to the delay. So being able to decide exactly what will be needed would be very helpful.

Best regards,
Shay

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Email: fout.shay@epa.gov

From: Li, Charles [<mailto:cli@EMSL.com>]

Sent: Wednesday, February 19, 2014 8:58 AM

To: Fout, Shay

Subject: RE: Water Cluster Project

Hi, Shay,

Yes, there is no problem with me and our company.

Thanks

Charlie



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From: Fout, Shay [<mailto:Fout.Shay@epa.gov>]

Sent: Wednesday, February 19, 2014 8:55 AM

To: Li, Charles

Subject: RE: Water Cluster Project

Charlie,

Thanks for the quick response. There is no need for your lawyer to do anything at this point, unless she would be opposed to using the materials CRADA rather than a full CRADA. If she would like to talk to me about the difference, I would be happy to speak with her. At this point I just want to make certain you and I are in agreement on the approach and then I will have the official paperwork drawn up.

Shay

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Email: fout.shay@epa.gov

From: Li, Charles [<mailto:cli@EMSL.com>]

Sent: Wednesday, February 19, 2014 8:49 AM

To: Fout, Shay

Subject: RE: Water Cluster Project

Hi, Shay,

There is no problem for the standard document. I will sign the final document. I was away for the training on microbial genome and metagenomics at The Joint Genome Institute of DOE in San Francisco. I passed to our attorney. She has no idea what to do and made it delay.

Thanks

Charlie



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From: Fout, Shay [<mailto:Fout.Shay@epa.gov>]

Sent: Wednesday, February 19, 2014 7:58 AM

To: Li, Charles

Subject: RE: Water Cluster Project

Charlie,

Any update on your conversation with your management? I have a meeting this afternoon with the Water Cluster Program Managers and need to give an update on the project.

Thanks,

Shay

G. Shay Fout, Ph.D.

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Phone: 513-569-7387

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Email: fout.shay@epa.gov

From: Li, Charles [<mailto:cli@EMSL.com>]

Sent: Monday, January 27, 2014 11:07 AM

To: Fout, Shay

Subject: RE: Water Cluster Project

Hi, Shay,

I read it and I will present it to the management tomorrow. I will get back to you shortly.

Thanks

Charlie



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From: Fout, Shay [<mailto:Fout.Shay@epa.gov>]

Sent: Monday, January 27, 2014 10:22 AM

To: Li, Charles

Subject: RE: Water Cluster Project

Hi, Charles,

Thanks for the quick reply. Don't sign the form I sent yet, as it is not complete and needs to be run through our CRADA office before coming to you for signature. I just wanted to see if you were in agreement with the approach. I was thinking we ought to be in agreement with everything before we run it through the lawyers.

Shay

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Email: fout.shay@epa.gov

From: Li, Charles [<mailto:cli@EMSL.com>]

Sent: Monday, January 27, 2014 10:18 AM

To: Fout, Shay

Subject: RE: Water Cluster Project

Hi, Shay,

Thanks for your email. I am so glad that you still remember me and our interest on EPA1615. Of course, we will be very happy to participating your research project.

I will get the paper signed and send back to you.

Thanks

Charlie



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From: Fout, Shay [<mailto:Fout.Shay@epa.gov>]

Sent: Monday, January 27, 2014 10:14 AM

To: Li, Charles

Subject: Water Cluster Project

Dear Charles,

We have continued to have staffing issues that have greatly delayed getting our Water Cluster project off the ground. Are you still interested in participating in the project? I am attaching a rough Materials Cooperative Research and Development Agreement (MCRADA) draft, as we will have to have either an MCRADA or full CRADA in place to proceed. The MCRADA can be put in place fairly quickly, but can only be used if you do not plan on patenting and marketing plates for use with Method 1615. If the latter, then I will need to get the paperwork for the full CRADA started quickly. If you think an MCRADA will work, I will finish filling out Table 1 and add a work plan. I'm envisioning keeping everything simple at this point due to the delay and just having you prepare the plates and us do the testing. Please let me know if you would like to see a different approach.

Thanks and Happy New Year (Solar and Lunar),
Shay

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